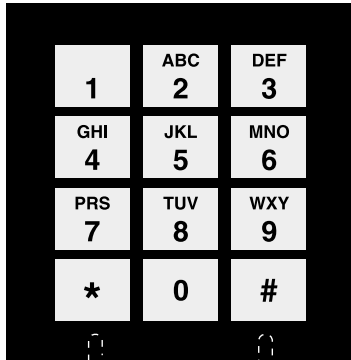


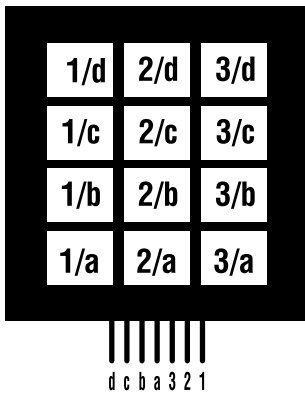
# STANDARD MEMBRANE SWITCHES

## TS 523 3042

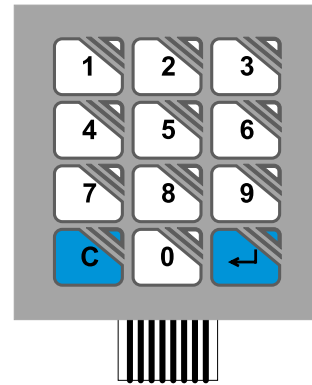
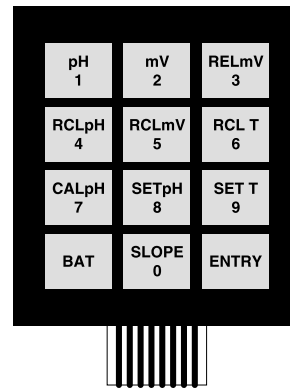
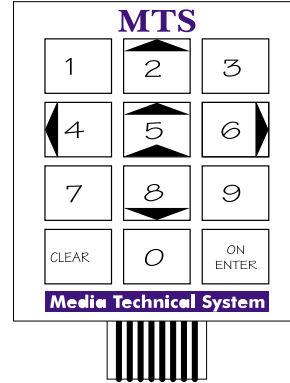
### Membrane switch:



### Switch pinout:



### Options:



### Specification:

Number of keys	12
Key pitch h/v	13/10.5 mm
Embossing	dia. 7 mm
Overall dimensions	51 x 52.8 mm
Flex-tail length	91 mm
Number of flex-tail traces	7
Flex-tail termination	pins (standard)
Number of colours	2

### Mechanical characteristics:

Tactile response	polydome
Actuation force	1.5 - 2 N
Life cycle	> 5 x 10 <sup>5</sup> cycles
Storage temperature	-40 / +65 °C
Operating temperature	-25 / +65 °C
Ingress protection	IP 65

### Electrical characteristics:

Max. operating voltage	25 V DC
Max. operating current	25 mA DC
Contact resistance	approx. 1 Ω/cm of trace
Insulation resistance	10 <sup>7</sup> Ω min.

**Termination options:** pins (standard)  
female contacts

**Colours:** light grey (keys)  
black (characters, background)

### Note:

Characters, colours, flex-tail length and termination can be modified for an extra charge.